



National Aeronautics and
Space Administration



23351
PATENT TRADEMARK OFFICE

NASA Case No.: 15959-1

DECLARATION, POWER OF ATTORNEY AND PETITION - ORIGINAL APPLICATION

As a below named inventor, I hereby declare that: my residence, post office address and citizenship, are stated below next to my name, I believe I am the original, first and sole inventor (If only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled PIEZOELECTRIC TRANSDUCER FOR VIBRATIONAL ALERT AND SOUND IN A PERSONAL COMMUNICATION DEVICE, the specification of which X is attached hereto, ___ was filed on (Date) ___ as Application Serial No. ___ and was amended on (Date) ___.

I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the Patent and Trademark Office all information which is known to me to be material to patentability as defined in 37 CFR §1.56.

I hereby claim the benefit under 35 U.S.C. §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of 35 U.S.C. §112, I acknowledge the duty to disclose to the Patent and Trademark Office all information known to me to be material to patentability as defined in 37 CFR §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application: ___ (Serial No.), ___ (Filing Date), the status of which is ___ patented, ___ pending, ___ abandoned.

I hereby claim foreign priority benefits under Title 35, United States Code, § 119(e) of any United States Provisional applications listed below:

PROVISIONAL APPLICATION NUMBER	FILING DATE
--------------------------------	-------------

<u>60</u> / _____	_____
the status of which is	
___ patented,	___ pending, ___ abandoned.

POWER OF ATTORNEY: I hereby appoint the following attorney(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

<u>LINDA B. B. BLACKBURN</u>	<u>Reg. No. 38,385</u>
<u>KURT G. HAMMERLE</u>	<u>Reg. No. 36,819</u>
<u>ROBIN W. EDWARDS</u>	<u>Reg. No. 39,179</u>
<u>HELEN M. GALUS</u>	<u>Reg. No. 40,615</u>
<u>SUE H. PALK</u>	<u>Reg. No. 36,422</u>
<u>GARY G. BORDA</u>	<u>Reg. No. 35,455</u>
<u>ALAN J. KENNEDY</u>	<u>Reg. No. 28,625</u>
<u>HARRY LUPULOFF</u>	<u>Reg. No. 31,117</u>

ADDRESS ALL CORRESPONDENCE TO:

Name: KURT G. HAMMERLE
Address: NASA LANGLEY RESEARCH CENTER
MAIL STOP 212
3 LANGLEY BOULEVARD
HAMPTON, VA 23681-2199

DIRECT TELEPHONE CALLS TO:

Name: KURT G. HAMMERLE
Telephone: (Set out complete number to be dialed from USPTO):
757-864-2470
757-864-3522

Further, as a named inventor I certify that the Government of the United States of America, as represented by the Administrator of the National Aeronautics and Space Administration, has x an assignment in, or license to the invention set forth in this application and has the irrevocable right to practice this application and to receive the patent

Wherefore, I pray that Letters Patent be granted to me for this invention or discovery described and claimed in the foregoing specification and claims, and I hereby subscribe my name to the foregoing specification, claims, power of attorney and this petition.

I hereby declare that all statements made herein of my own knowledge are true and that - statements made on information and belief are believed to be true; and further that these, statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. §1001; and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

FULL NAME OF INVENTOR	LAST WOODARD	FIRST Stanley	MIDDLE OR INITIAL E.
RESIDENCE AND CITIZENSHIP	CITY Hampton	STATE OR FOREIGN COUNTRY Virginia	COUNTRY OF CITIZENSHIP U.S.
POST OFFICE	STREET NO. AND NAME P.O. Box 7976	CITY AND STATE OR (COUNTRY) Hampton, Virginia	ZIP CODE 23666
SIGNATURE			DATE

FULL NAME OF INVENTOR	LAST FOX	FIRST Robert	MIDDLE OR INITIAL L.
RESIDENCE AND CITIZENSHIP	CITY Hayes	STATE OR FOREIGN COUNTRY Virginia	COUNTRY OF CITIZENSHIP U.S.
POST OFFICE	STREET NO. AND NAME 1592 Fleming Road	CITY AND STATE OR (COUNTRY) Hayes, Virginia	ZIP CODE 23072
SIGNATURE			DATE

FULL NAME OF INVENTOR	LAST BRYANT	FIRST Robert	MIDDLE OR INITIAL G.
RESIDENCE AND CITIZENSHIP	CITY Lightfoot	STATE OR FOREIGN COUNTRY Virginia	COUNTRY OF CITIZENSHIP U.S.
POST OFFICE	STREET NO. AND NAME P.O. Box 590	CITY AND STATE OR (COUNTRY) Lightfoot, Virginia	ZIP CODE 23090
SIGNATURE			DATE